

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Robert B. Hammond et al.

Serial No.: Not Yet Assigned
(Cont of Serial No. 10/393,089)

Group Art Unit: 2859

Examiner: l. arANA

Filed: Herewith
(Parent filed March 19, 2003)

For: TUNABLE SUPERCONDUCTING
RESONATOR AND METHODS OF
TUNING THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above–identified application is hereby disclosed. The accompanying Form PTO/SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO/SB/08A, initial the left–most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

CERTIFICATE OF MAILING
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as Express Mail Post Office to Addressee in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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April 12, 2004
Date of Deposit
IR1:1054087.1

Denise Doss

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In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO/SB/08A are not enclosed herewith because they were previously cited by or submitted to the Patent and Trademark Office in prior copending or related applications for which a claim for priority under 35 U.S.C. §120 has been made in the instant application. Accordingly, Applicants ~~will provide duplicate copies in respect of the present case only if the Examiner so desires.~~

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-2862.

Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: 4/12/04

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PATENT TRADEMARK OFFICE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Available
				Filing Date	April 12, 2004
				First Named Inventor	Robert B. Hammond
				Group Art Unit	Not Yet Available
				Examiner Name	Not Yet Available
				Attorney Docket Number	844004-308
Sheet	1	of	2		

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ²		
		(if known)		
	US-3857114		Minet et al	12/24/74
	US-4981838		Whitehead	01/01/91
	US-5231078		Riebman et al	07/27/93
	US-5276398		Withers	01/04/94
	US-5307068		Hartemann	04/26/94
	US-5328893		Sun et al	07/12/94
	US-5391543		Higaki et al	02/21/95
	US-6347237		Eden et al	02/12/02

[illegible]

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume–issue number(s), publisher, city and/or country where published.	T ²
	COHN, "Parallel-Coupled Transmission Line Resonator Filters", IRE Transactions On Microwave Theory & Techniques", MTT-6, April 1958, 223-231.	
	DURIEZ, et al., "Structural Characterization Of MgO(100) Surfaces, Surface Science, 230, 1990, 123-126.	
	HAMMOND, et al., "Epitaxial Ti ₂ CaBa ₂ Cu ₂ O ₈ Thin Films With Low 9.6 GHz Surface Resistance At High Power & Above 77K", Appl. Phys. Lett., 57, 8, August 20, 1990, 825-827.	
	HAMMOND, et al., "Superconducting Ti-Ca-Ba-Cu-O Thin Film Microstrip Resonator & Its Power Handling Performance At 77K", IEEE MTT-S Digest, V-5, 1990, 867-870.	
	SAGAWA, et al., "Miniaturized Hairpin Resonator Filters & Their Application To Receiver Front-End MIC's", IEEE Transactions On Microwave Theory & Techniques, 37, 12, December 1989, 1991-1997.	
	SCHIFFMAN, et al., "Exact Design Of Band-Stop Microwave Filters", IEEE Transactions On Microwave Theory & Techniques, MTT-12, 1, January 1964, 6-15.	
	TALISA, et al., "Low- and High-Temperature Superconducting Microwave Filters", IEEE Transactions On Microwave Theory & Techniques, 39, 9, September 1991, 1448-1454.	
	WINTER, et al., "High Dielectric Constant Strip Line Band Pass Filters", IEEE Transactions On Microwave Theory & Techniques, 39, 12, December 1991, 2182-2187.	

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Approved for use through 10/31/2002. OMB 0651-0031
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	Not Yet Available
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Group Art Unit	Not Yet Available
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Attorney Docket Number	844004-308

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	YOUNG, et al., "Microwave Band-Stop Filters With Narrow Stop Bands", IRE Transactions On Microwave Theory & Techniques, November 1962, 416-427.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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